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hRIZ	60	MMNITEVA	ATETLAEVPE	HVLRGLPEEV	RLFPSAVDKT	RIGWATKPI	LKGKKFGPEV
rRIZ	59	MMNITEVA	ATETLAEVPE	HVLRGLPEEV	RLFPSAVDKT	RIGWATKPI	LKGKKFGPEV
Consensus	60	MMNITEVA	ATETLAEVPE	HVLRGLPEEV	RLFPSAVDKT	RIGWATKPI	LKGKKFGPEV
hRIZ	120	GDKKRSQVK	NNVYMWEVYY	PNLGMWCIDA	TDPEKGNWLR	YVNWACSGEE	QNLFFLEINR
rRIZ	119	GDKKRSQVR	NNVYMWEVYY	PNLGMWCIDA	TDPEKGNWLR	YVNWACSGEE	QNLFFLEINR
Consensus	120	GDKKRSQVY	NNVYMWEVYY	PNLGMWCIDA	TDPEKGNWLR	YVNWACSGEE	QNLFFLEINR
hRIZ	180	AIYYKTLKPI	APGEELLWY	NGEDNPEIAA	AIEEERASAR	SKRSSPKSRK	GKKKSLENKN
rRIZ	179	AIYYKTLKPI	APGEELLWY	NGEDNPEIAA	AIEEERASAR	SKRSSPKSRK	GKKKSLENKN
Consensus	180	AIYYKTLKPI	APGEELLWY	NGEDNPEIAA	AIEEERASAR	SKRSSPKSRK	GKKKSLENKN
hRIZ	240	KGNKIODIQL	KISEDETSA	NMRISAEGPK	EDENPEASA	EQPAULLEV	ASCEVHPELA
rRIZ	239	KGIRTHPTQL	KISEDETSA	NMRISAEGPK	EDENPEASA	EQPAULLEV	CNQDAVPOVA
Consensus	240	KG...QLKISEDETSA	NMRISAEGPK	EDENPEASA	EQPAULLEV	EQPAULLEV	Q...P.A
hRIZ	300	TPPAEPQP	EDERLEAAA	CEVNDQEEE	EEEEEEEE	EEEEEEEE	DECEEEAMP
rRIZ	295	TPPAEPQP	EDERLEAAA	CEVNDQEEE	EEEEEEEE	EEEEEEEE	DECEEEAMP
Consensus	300	TPPAEPQP	EDERLEAAA	CEVNDQEEE	EEEEEEEE	EEEEEEEE	DECEEEAMP
hRIZ	360	NESSKEPEI	RCIEKPEDLL	EEPRTTSEIF	LEDCSEVTPA	MOIPRTMEEA	NGDVETFMF
rRIZ	355	NESSKEPEI	RCIEKPEDLL	EEPDSNSNEA	FEDSPVTPP	PHTPRPREEA	NGDVETFMF
Consensus	360	NESSKEPEI	RCIEKPEDLL	EEP...S.B.	ED...VTP	...PR...EEA	NGDVETFMF

FIGURE 1A



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hrIZ	420	TKOCLERHMI	IHIIST	NIUAF	KCKYCCK	FC	TOINRRRR	RHE	CLKR
rRIZ	415	TKOCLERHMI	IHIIST	NIUAF	KCKYCCK	FC	TOINRRRR	RHE	CLKR
Consensus	420	TKOCLERHMI	IHIIST	NIUAF	KCKYCCK	FC	TOINRRRR	RHE	CLKR
hrIZ	480	ADGK	GENV	SKD	SSPP	NS	ER	SCDT	NS
rRIZ	473	ADGK	GENV	SKD	SSPP	NS	ER	SCDT	NS
Consensus	480	ADGK	GENV	SKD	SSPP	NS	ER	SCDT	NS
hrIZ	539	ELHPCKYCKK	VFGTHTNMRR	HQRRVHERHL	IPKGVRKGG	LIB	POPPAE	QA	QAT
rRIZ	533	ELHPCKYCKK	VFGTHTNMRR	HQRRVHERHL	IPKGVRKGG	LIB	POPPAE	QA	QAT
Consensus	540	ELHPCKYCKK	VFGTHTNMRR	HQRRVHERHL	IPKGVRKGG	LIB	POPPAE	QA	QAT
hrIZ	599	PSTEPEEEGE	DDVYIMDIS	SNISENLNYY	IDGKIQTNN	TSNCDVIEME	SA	LYGI	SA
rRIZ	593	PSTEPEEEGE	DDVYIMDIS	SNISENLNYY	IDGKIQTNN	TSNCDVIEME	SA	LYGI	SA
Consensus	600	PSTEPEEEGE	DDVYIMDIS	SNISENLNYY	IDGKIQTNN	TSNCDVIEME	SA	LYGI	SA
hrIZ	659	CLLTPVTVEI	TONIK	TOV	VT	DL	K	RTASPP	LPK
rRIZ	653	CLLTPVTVEI	TONIK	TOV	VT	DL	K	RTASPP	LPK
Consensus	660	CLLTPVTVEI	TONIK	TOV	VT	DL	K	RTASPP	LPK
hrIZ	719	VPSCSLSLPL	SIST	VSF	HKEK	VYLSS	KLKOLLQTD	KL	PAC
rRIZ	713	VPSCSLSLPL	SIST	VSF	HKEK	VYLSS	KLKOLLQTD	KL	PAC
Consensus	720	VPSCSLSLPL	SIST	VSF	HKEK	VYLSS	KLKOLLQTD	KL	PAC

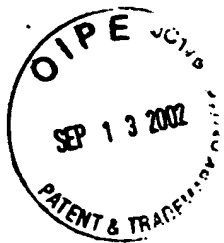
FIGURE 1B



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hRIZ	VSAPASMLPV	TSSRFKRRTS	SPPSSPOHSP	ALRDFGK	D	CKAAWTD	ACL	TSKK	KLESH	779								
rRIZ	ASAPASMLPV	TSSRFKRRTS	SPPSSPOHSP	ALRDFGKP	D	CKAAWTD	TVL	TSKK	KLESR	773								
Consensus	SAPASMLPV	TSSRFKRRTS	SPPSSPOHSP	ALRDFGK	D	CKAAWTD	L	TSKK	KLES	780								
hRIZ	SDSPAWSLSC	RDERET	SPP	CFDEYK	SKE	W	ASS	FSSV	CNOOPLDLSS	CVKQK	ECTC	839						
rRIZ	SDSPAWSLSC	RDERET	SPP	CFDEYK	SKE	W	ASS	FSSV	CNOOPLDLSS	CVKQK	ECTC	833						
Consensus	SDSPAWSLSC	RDERET	SPP	CFDEYK	SKE	W	ASS	FSSV	CNOOPLDLSS	CVKQK	ECTC	840						
hRIZ	KTPV	WESVL	DLSVHKK	CB	DSECKEFKES	PS	QPTCSAV	KK	KPTTCML	OKVLL	NEYNQ	899						
rRIZ	KTPV	WESVL	DLSVHKK	CB	DSECKEFKEN	PL	QPR--AA	KK	KPTTCML	OKVLL	NEYNQ	889						
Consensus	KTPV	WESVL	DLSVHKK	CB	DSECKEFKE	PL	QPR...A	KK	KPTTCML	OKVLL	NEYNQ	900						
hRIZ	ILCP	ENPAD	TRSPSPCKS	LEA	QPDF	LG	P	SGFP	PTV	ES	PEVC	PS	SP	LQTF	SLS	958		
rRIZ	VLPL	BTPE	TRSPSPCKS	PDT	QPDF	LG	P	SSCS	PTA	ES	PEVC	PS	SP	LQTF	SLS	949		
Consensus	LP	E....	TRSPSPCKS	..	QPDF	LG	P	S	..	PT	ES	PEVC	PS	SP	LQTF	SLS	960	
hRIZ	SCQLPPL	LP	T	PSSPPPCP	PULTVATPPP	PLLPTVPL	PA	PSSE	ASPHRC	PSP	SN	TAQ	1018					
rRIZ	SCQLPPL	LP	T	PSSPPPCP	PULTVATPPP	PLLPTVPL	SH	PSS	ASPPQC	PSP	SN	TAQ	1009					
Consensus	SCQLPPL	LP	T	PSSPPPCP	PULTVATPPP	PLLPTVPL	..	PSS	ASPR	C	PSP	SN	TAQ	1020				
hRIZ	SPLPILSPTV	SPSPPIPPV	EPLMSAASPC	PPTLSSSSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	1078
rRIZ	SPLPILSPTV	SPSPPIPPV	EPLMSAASPC	PPTLSSSSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	1067
Consensus	SPLPILSPTV	SPSPPIPPV	EPLMSAASPC	PPTLSSSSSS	SSS	S	S	S	S	S	S	S	S	S	S	S	S	1080

FIGURE 1C



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hRIZ	LSA	SSSVSS	GNLEASLP	ISFKQEE	EN	EGLKPEE	EQ	SAABQ	VWVQ	ETFN	KNF	CN	1138	
rRIZ	LSA	SSSVSS	GNLEASLP	VTFKQEE	ES	EGLKPEE	EP	PACQS	VWVQ	ETFEK	KNF	CN	1126	
Consensus	LSA	SSSVSS	GNLEASLP	IFKQEE	E	EGLKPEE		A	Q	VWQ	ETF	KNF	CN	1140
hRIZ	VCES	PFLSIK	DLTKHLS	HA	EEWPFKCEFC	VOLF	KTDL	SEHRFLLHGV	GNIFVCSVCK				1198	
rRIZ	VCES	PFLSIK	DLTKHLS	HA	EEWPFKCEFC	VOLF	KTDL	SEHRFLLHGV	GNIFVCSVCK				1186	
Consensus	VCES	PFLSIK	DLTKHLS	HA	EEWPFKCEFC	VOLF	KTDL	SEHRFLLHGV	GNIFVCSVCK				1200	
hRIZ	KEFA	FLCNLQ	QHQRDLHPDK		VCTHIEFESC	TLRPQNFTDP	SKA	VEHMS	LPE	PLETSK			1258	
rRIZ	KEFA	FLCNLQ	QHQRDLHPDE		VCTHIEFESC	TLRPQNFTDP	SKA	VEHMS	LPE	PLETSR			1246	
Consensus	KEFA	FLCNLQ	QHQRDLHPD		VCTHIEFESC	TLRPQNFTDP	SKA	VEHMS	LPE	PLETS			1260	
hRIZ	EEE	LND	SE	ELYTTIKIMA	SGIKTKDPDV	RLGLNQHYPS	FKPPPFQYHH	RNPMGICVTA					1318	
rRIZ	EEE	LND	SE	ELYTTIKIMA	SGIKTKDPDV	RLGLNQHYPS	FKPPPFQYHH	RNPMGICVTA					1305	
Consensus	EEE	LND	SE	ELYTTIKIMA	SGIKTKDPDV	RLGLNQHYPS	FKPPPFQYHH	RNPMGICVTA					1320	
hRIZ	TNFT	THNIPO	TFTTAIRCTK	CGKGVNDMPE	LHKHILACAS	ASDKKRYTPK	KNPVPLKQTV						1378	
rRIZ	TNFT	THNIPO	TFTTAIRCTK	CGKGVNDMPE	LHKHILACAS	ASDKKRYTPK	KNPVPLKQTV						1365	
Consensus	TNFT	THNIPO	TFTTAIRCTK	CGKGVNDMPE	LHKHILACAS	ASDKKRYTPK	KNPVPLKQTV						1380	
hRIZ	QPKNG	VWVLD	NSGKNAFRM	COPKRL	EFV	EL	KMS	ENKL	KL	ALKKKNQ	LVQKAILQKN		1438	
rRIZ	QPKNG	VWVLD	NSGKNAFRM	COPKRL	EFV	EL	KMS	ENKL	KL	ALKKKNQ	LVQKAILQKN		1425	
Consensus	QPKNG	VWVLD	NSGKNAFRM	COPKRL	EFV	EL	KMS	ENKL	KL	ALKKKNQ	LVQKAILQKN		1440	

FIGURE 1D



hRIZ	1498
rRIZ	1485
Consensus	1500
hRIZ	1558
rRIZ	1545
Consensus	1560
hRIZ	1618
rRIZ	1605
Consensus	1620
hRIZ	1678
rRIZ	1665
Consensus	1680
hRIZ	1719
rRIZ	1707
Consensus	1722

FIGURE 1E

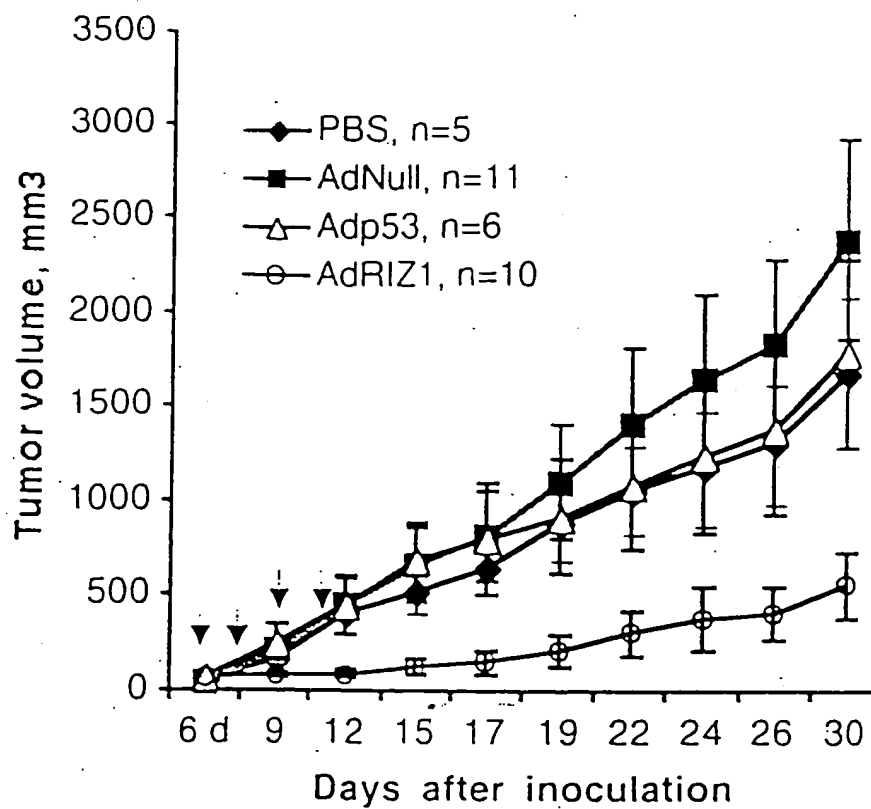


FIGURE 2



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FIGURE 3